

IMPACT FACTOR 3.4





an Open Access Journal by MDPI

Optical Immunosensors II

Guest Editors:

Dr. Elena Benito-Peña

Department of Analytical Chemistry, Faculty of Chemistry, Complutensian University of Madrid, 28040 Madrid, Spain

Prof. Dr. David Gimenez-Romero

Physical Chemistry Department, Faculty of Chemistry, University of Valencia, Avda. Dr. Moliner, 50, 46100 Valencia, Spain

Deadline for manuscript submissions:

closed (30 April 2022)

Message from the Guest Editors

Dear Colleagues,

This Special Volume will be dedicated to optical immunosensing. For decades, these sensors have been finding their way into an increasing number of industrial, environmental, pharmaceutical, medical, food quality control, and engineering applications. Optical immunosensors cost-effectively improve the reliability and efficiency of control systems, making them in great demand.

This Special Issue welcomes both reviews and original research articles in the field of optical immunosensors. Topics include but are not restricted to optical fiber platforms, liquid crystals, optical waveguide light-mode spectroscopy (OWLS), white light reflectance spectroscopy (WLRS), and dual-polarization interferometry (DPI). Combinations with biological or bioinspired receptors such as aptamers, dendrimers, bacteriophages, affibodies, nanobiohybrid materials, and molecularly imprinted polymers are also of interest. There is no limit to the chemical and biological aspects by which an optical immunosensor can be manufactured. This issue emphasizes both the biological and transduction aspects of optical immunosensors.

For more information, please click: mdpi.com/si/99804













an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 Bari, Italy

Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Ei Compendex, Inspec, Astrophysics Data System, and other databases. **Journal Rank:** JCR - Q2 (*Chemistry, Analytical*) / CiteScore - Q1 (Instrumentation)

Contact Us